

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Crouzet USA](#)  
[82861013](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



**0.5 Nm ovoid 3.9 Watts 3.9 W Part number made to order**



- Torque rating of gearboxes : 0.5 Nm, high-performance plastic gears
- Motors : nominal power 3 W, interference suppression for standard stocked products
- Wide speed range : 0.3 to 430 rpm
- Optional encoder built into the motor

**Part numbers**

	Type	Type	Voltage	Standard speed (rpm)	Output speed (rpm)	Ratios (i)
82861013	3.9 W	828610	12 V	4300	8,6	500

**Specifications**

**General characteristics**

Motor	828600
Gearbox	810210
Maximum permitted torque from gearmotor under continuous conditions for 1 million turns (Nm)	0.5
Axial load static (daN)	1
Radial load static (daN)	8
Max. output power (W)	3,9
Nominal output (W)	3
Gearbox case temperature rise (°C)	50
Weight (g)	160

**Made to order products, available on request**

**Motors :**

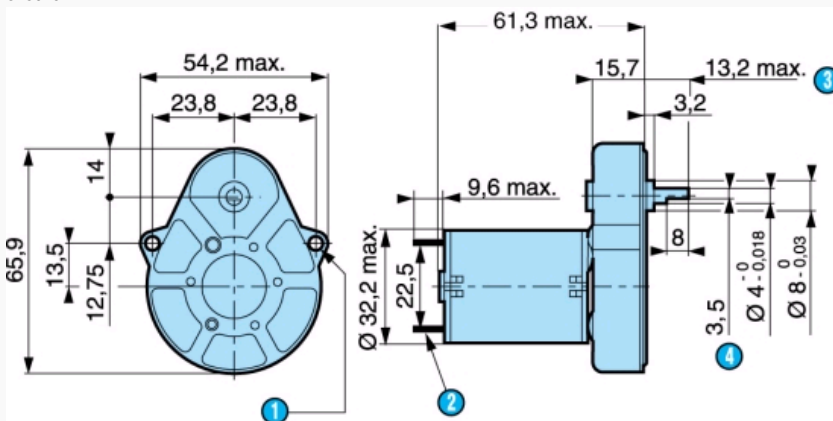
- Other supply voltages
- Motor with 2 ball bearings
- Shaft lengths at front and/or rear
- Lead outputs or radial tag terminals
- Special interference suppression
- Encoder : 5 pulses/rev

**Gearboxes :**

- Special shaft
- Ball bearing
- Special greasing
- Torque limiter F
- Gearbox fixing M3
- Other speeds

**Dimensions (mm)**

828610

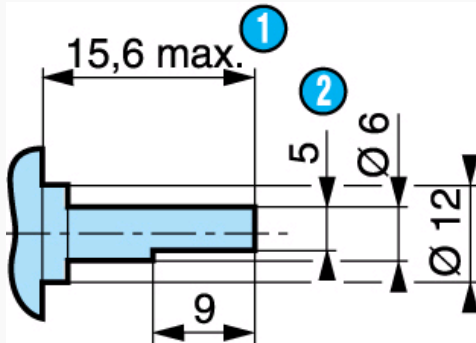


N°	Legend
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①	2 fixing holes $\varnothing$ 3.2
②	2 standard tags NFC 20-120, series 2.8 x 0.5 mm
③	Shaft pushed-in
④	3.5 across flats

**Dimensions (mm)**

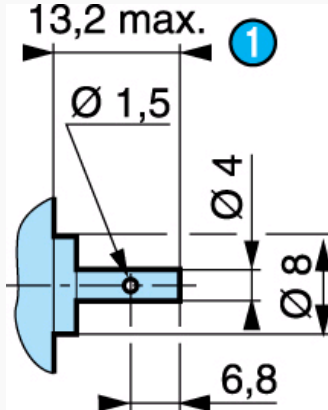
Shaft 70999421  
 SP1295.10



N°	Legend
①	Shaft pushed-in
②	5 across flats

**Dimensions (mm)**

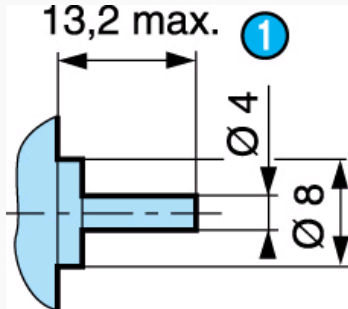
Shaft 79200779



N°	Legend
①	Shaft pushed-in

**Dimensions (mm)**

Shaft 79200967



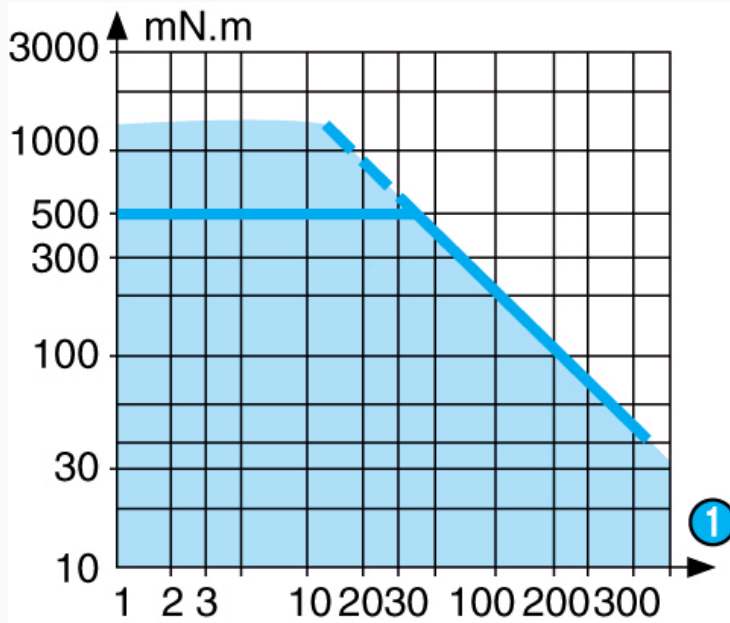
N°	Legend
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Shaft pushed-in

**Curves**

Curve : torque/nominal speed 828610



N°	Legend
1	rpm

**Product adaptations**



- Special supply voltage
- Lead output
- 1 or 5 pulse encoder
- Special connectors
- Special shaft
- Special reduction ratio
- Special materials for gears
- Special ball bearings
- Special adaptor plate
- EMC filter
- More than 200 reduction ratios available